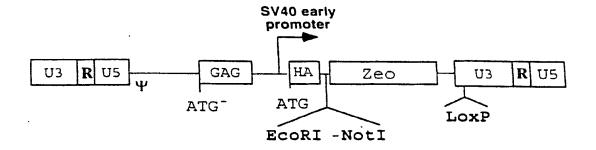
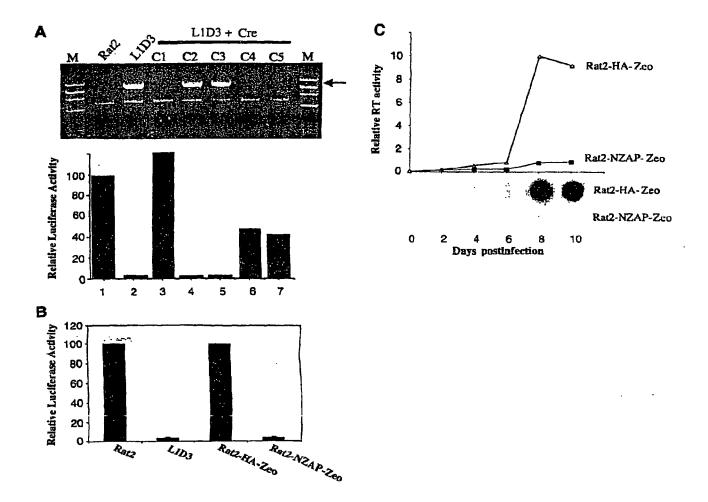
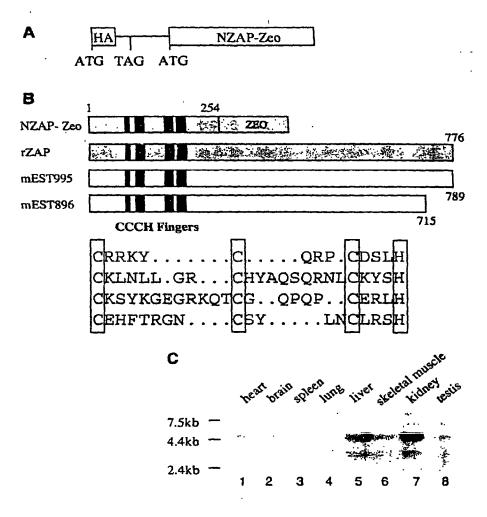
FIG. 1



FIGS. 2A - C



FIGS. 3A - C



FIGS. 4A - D

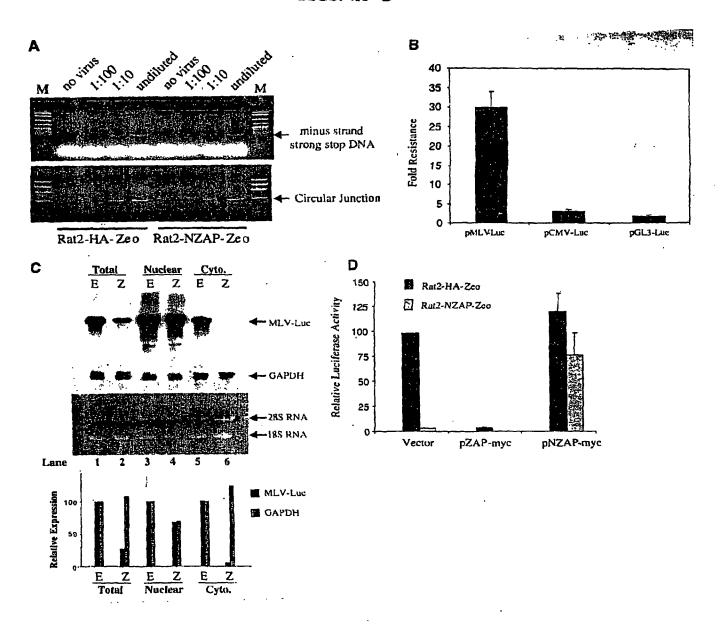


FIG. 5A

ZAP Amino Acid Sequence:

"MADPGVCCFITKILCAHGGRMTLEELLGEIRLPEAQLYELLETAGPDRFVLLETGG
QAGITRSVVATTRARVCRRKYCQRPCDSLHLCKLNLLGRCHYAQSQRNLCKYSHDVL
SEQNFQILKNHELSGLNQEELACLLVQSDPFFLPEICKSYKGEGRKQTCGQPQPCER
LHICEHFTRGNCSYLNCLRSHNLMDRKVLTIMREHGLSPDVVQNIQDICNNKHARRN
PPGTRAAHPHRRGGAHRDRSKSRDRFLHNSLEFLSPVVSPLGSGPPSPDVTSCKDSL
EDVSVDVTQKFKYLGTHDRAQLSPVSSKAAGVQGPSQMRASQEFSEDGNLDDIFSRN
RSDSSSSRASAAKVAQRNEAVAMKMGMEVKGKKEAPDIDRVPFLNSYIDGVTMEKAS
VSGIPGKKFTANDLENLLLLNDTWKNVAKPQDLQTTGRITDSGQDKAFLQNKYGGNP
VWASASTHNAPNGSSQIMDETPNVSKSSTSGFAIKPAIAGGKEAVYSGVQSPRSQVL
AVPGEATTPVQSNRLPQSPLSSSSHRAAASGSPGKNSTHTSVSPAIESSRMTSDPDE
YLLRYILNPLFRMDNHGPKEICQDHLYKGCQQSHCDRSHFHLPYRWQMFVYTTWRDF
QDMESIEQAYCDPHVELILIENHQINFQKMTCDSYPIRRLSTPSYEEKPLSAVFATK
WIWYWKNEFNEYIQYGNESPGHTSSDINSAYLESFFQSCPRGVLPFQAGSQKYELSF
QGMIQTNIASKTQRHVVRRPVFVSSNDVEQKRRGPE" (SEQ ID NO: 1)

FIG. 5B

ZAP cDNA Sequence:

"atggcagatcccggggtatgctgtttcatcaccaagatcctgtgcgcccacggggg ccgtatgaccctggaggaactgctgggtgagatcaggctccccgaggcgcagctcta cgagctgctggagacgggggcccgatcgcttcgtgctattggagactggaggcca ggccgggatcactcggtctgtagtggctactactcgagcccgcgtctgccgtcggaa gtactgccagagaccctgcgacagcctgcacctctgcaagcttaatctgctcggccg gtgccactatgcacagtctcagcggaacctctgcaaatattctcacgatgttctctc ggaacagaacttccagatcctgaagaatcatgagctctctgggcttaaccaagagga gctagcttgcctcctggtccaaagcgacccttttttcctgcccgagatatgcaagag ttacaaaggagagggccgaaaacagacctgtgggcagccacagccatgcgagagact ccacatctgtgagcacttcacccggggcaactgcagttacctcaactgtctcaggtc ${\tt tcacaacctgatggacagaaaggtgttgaccatcatgagggagcacgggctgagtcc}$ tgatgtggtccagaacatccaggacatctgcaacaacaacacgccaggaggaaccc gcctggcacgagagctgcccatccacaccgcagaggcggcgcacacagagacagaag caaaagcagagaccgcttccttcacaacagtctagaatttctctcacctgttgtctc acctctgggatctggtccgcctagcccagatgtcaccagctgtaaagattccctgga ggatgtctgtggatgtcacccagaagttcaagtacttggggacgcatgaccgtgc gcagctctccccagtctcatctaaggctgctggtgttcaaggacccagtcaaatgag agcaagccaagagttttcagaggatgggaatctagatgacatattttctaggaatcg ttctgattcatcatcaagtcgagcctccgctgccaaggtggcacaaagaaatgaagc tgtggccatgaaatgggcatggaggtcaagggcaagaaggaggctccagacatcga tcgggtcccatttttaaatagttatattgatggggtgaccatggaaaaagcatcggt ctcaggaattccaggcaaaagttcacagccaatgatctggaaaatttgctattact taacgacacttggaagaatgtggctaagccccaggatctgcagaccacaggcagaat gtgggcaagtgcatccacccataatgccccaaatggctctagtcaaattatggatga aactcctaatgtctctaaaagtagtaccagtggttttgccataaaaccagcaattgc tggaggaaaagaagcagtctattctggagttcagagtccgagaagccaggtcctagc tgtgcctgggggggctactacccctgtacagagcaacaggctgcctcagtcgcctct gtcttcctcaagccacagagctgcagcctctgggagccctggcaagaactccaccca tacctctgtgagcccagccatcgagtcttcaaggatgacatcagaccccgatgagta aatctgtcaggaccatctgtacaagggctgtcaacagagccactgcgacaggagtca cttccatctgccctaccggtggcagatgttcgtatataccacttggagggacttcca ggacatggagtctatcgaacaggcctattgtgatccccacgttgaactcattttgat agaaaaccatcagatcaatttccagaaaatgacctgtgactcctaccccatccgacg cctctccactccctcatatgaggaaaagccacttagtgctgtcttcgccaccaagtg gatttggtattggaagaatgaatttaatgaatatatccagtatgggaatgagaccc tcccaggggagttttgccattccaggctggttcacagaagtacgagttaagcttcca agggatgattcagacaaatatagcttccaagactcaaaggcatgttgtcagaaggcc (SEQ ID NO: 2)